

# Town Center Streetscape & Battle Green Project Lexington, MA

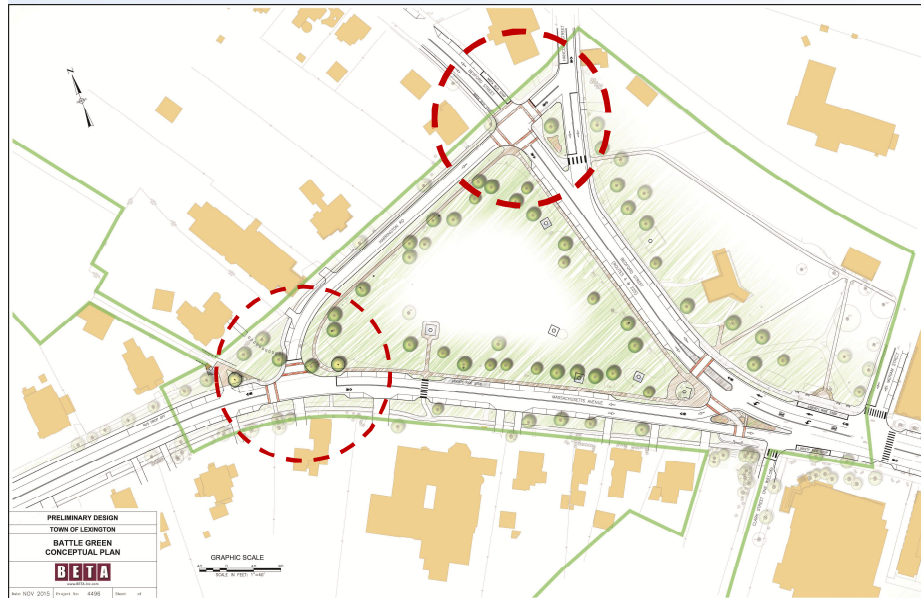
## Project Update

Historic District Commission  
Lexington Historical Commission  
November 17, 2015

# Presentation Outline

- Streetscape Improvements
  - Overall Plan
  - Gateways
  - Sidewalk and Lighting Treatment
  - Interpretation
- Battle Green Improvements
  - Overall Concept
- Battle Green Harrington @ Bedford Intersection Preferred Alternatives
  - One Way and Roundabout Options

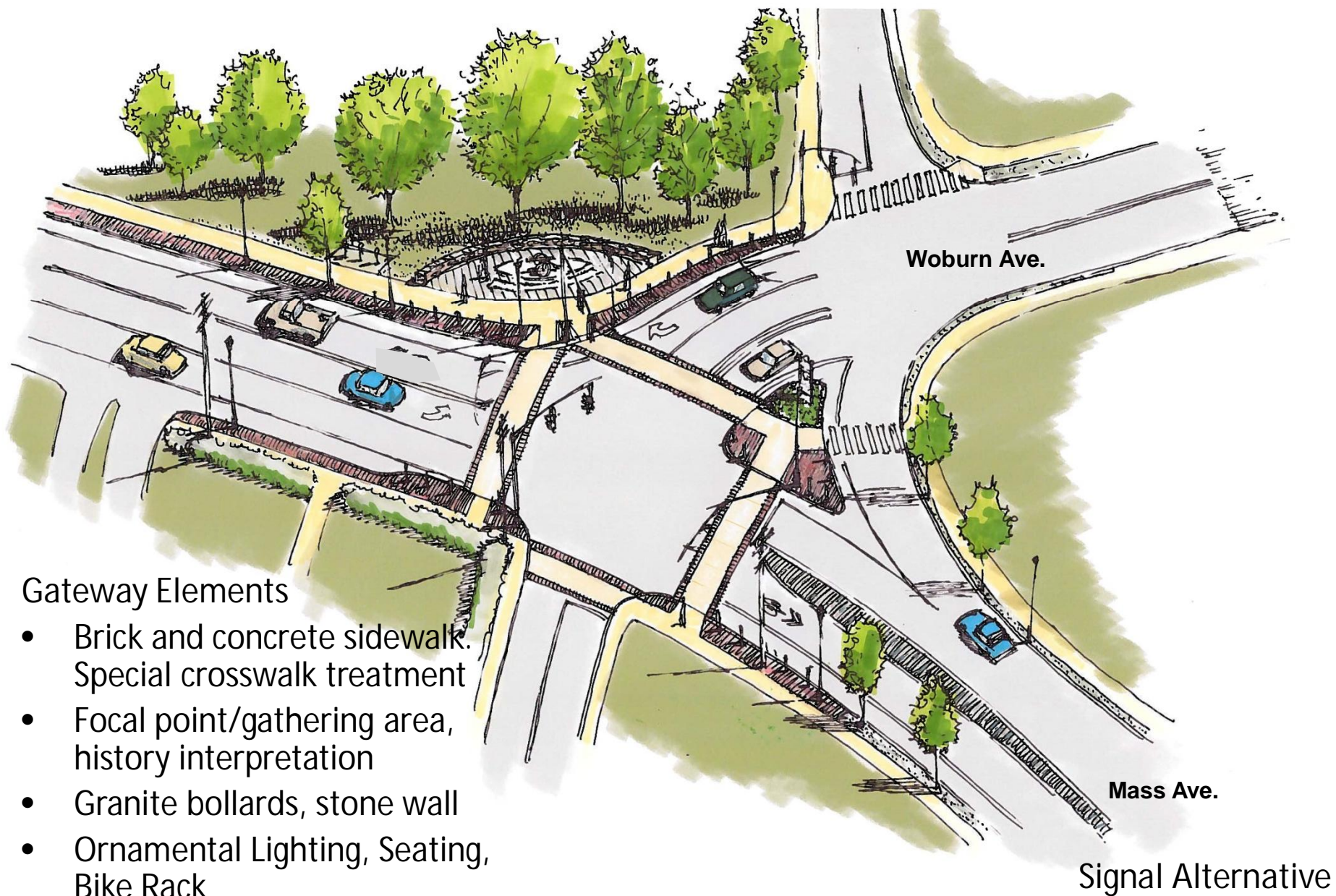
# Overall Plan



- Gateways/clear entry to town center  
Woburn Street  
Battle Green  
Waltham Street







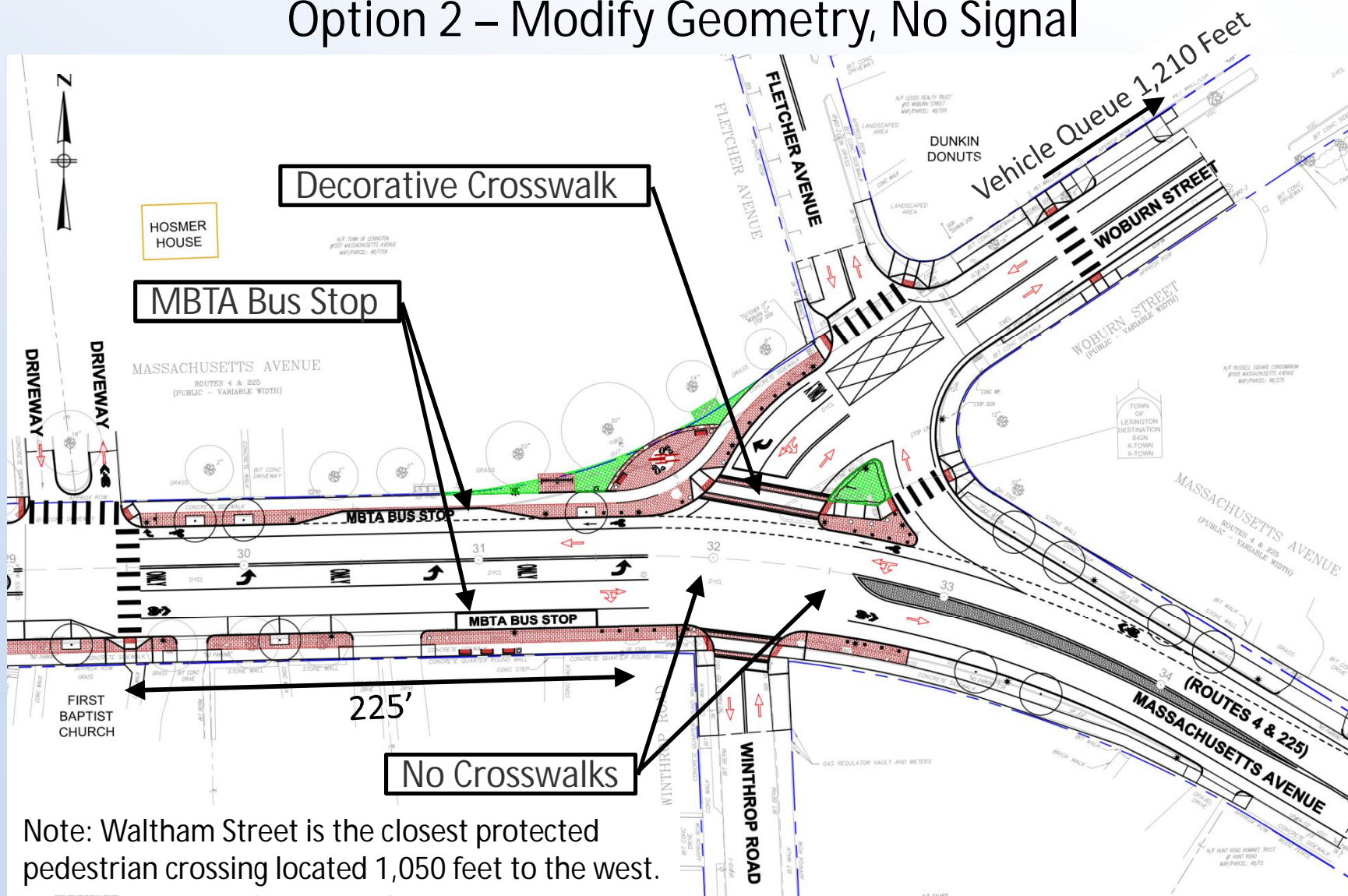
### Gateway Elements

- Brick and concrete sidewalk. Special crosswalk treatment
- Focal point/gathering area, history interpretation
- Granite bollards, stone wall
- Ornamental Lighting, Seating, Bike Rack



# Massachusetts Avenue / Woburn Street / Winthrop Road

## Option 2 – Modify Geometry, No Signal



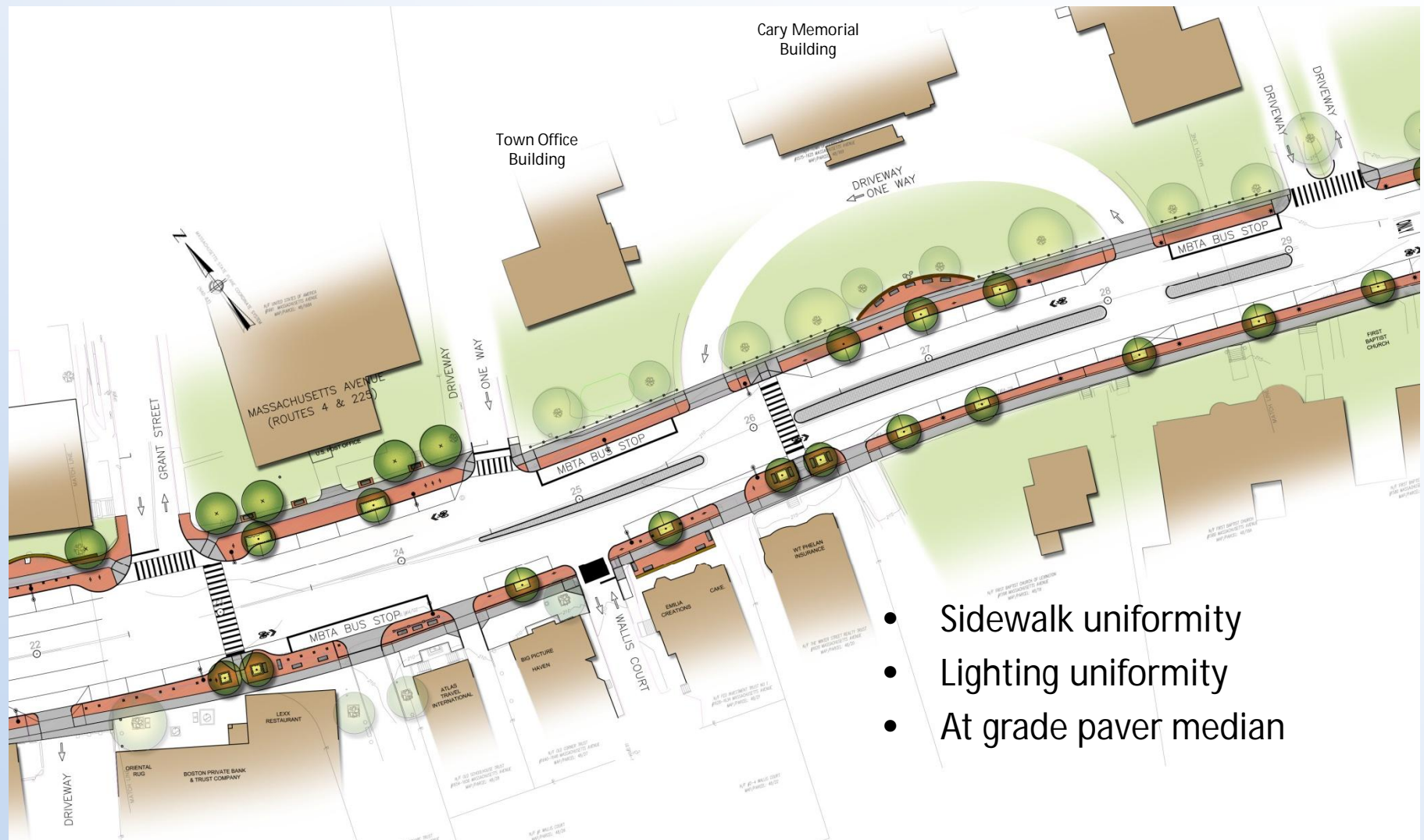
Note: Waltham Street is the closest protected pedestrian crossing located 1,050 feet to the west.

# Commercial Area



- Sidewalk pavement uniformity
- Lighting uniformity

# Civic Area



- Sidewalk uniformity
- Lighting uniformity
- At grade paver median



# Lighting Options



- American National Standard Practice for Roadway Lighting
- Approved by the Illuminating Engineering Society of North America (IESNA)

# Lighting Options



PEDESTRIAN POST  
TOP (LEXINGTON  
TOWN OFFICES)

DEPOT SQUARE

ROADWAY  
PENDANT - FLAT

ROADWAY  
PENDANT - FLAT  
WITH MATCHING  
PEDESTRIAN  
PENDANT

ROADWAY  
PENDANT - DOME

ROADWAY  
PENDANT - DOME  
WITH MATCHING  
PEDESTRIAN  
PENDANT

# Lighting Options

View: Looking east from Depot Square



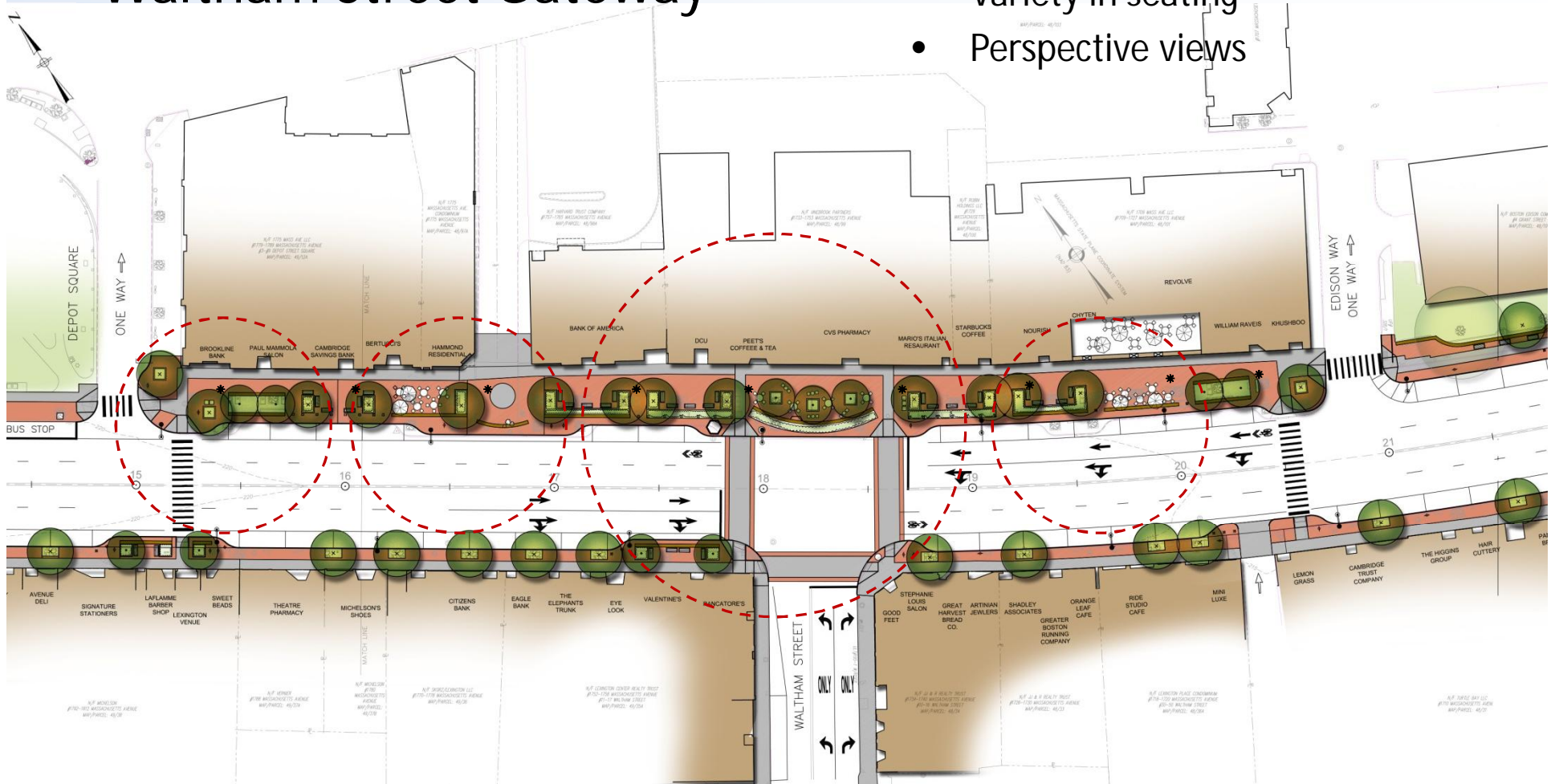
Recommended illuminating level and uniformity ratio:

	WIDE SECTION	NARROW SECTION	INTERSECTION
	Major/High	Major/Medium	Major-Collector/Medium
Average Maintained Footcandles (FC):	1.7 FC	1.3 FC	2.2 FC
Average to Minimum Uniformity Ratio:	3:1 or <	3:1 or <	3:1 or <



# Commercial Area/ Waltham Street Gateway

- Sidewalk treatment
- Special crosswalk treatment
- Variety in seating
- Perspective views



# Safety at crosswalks



- Bump out configuration
- Shorten crossing distance
- Concrete pavement
- Lighting
- Detectable warning





- Rain Garden
- Stone Seat Wall



# Grain Mill Alley



Previous  
Concept



- Gathering Area/Historic Interpretation



# Waltham Street Gateway



- Waltham Street Gateway wall and plant bed
- Direct pedestrians to crosswalk
- Outdoor tables

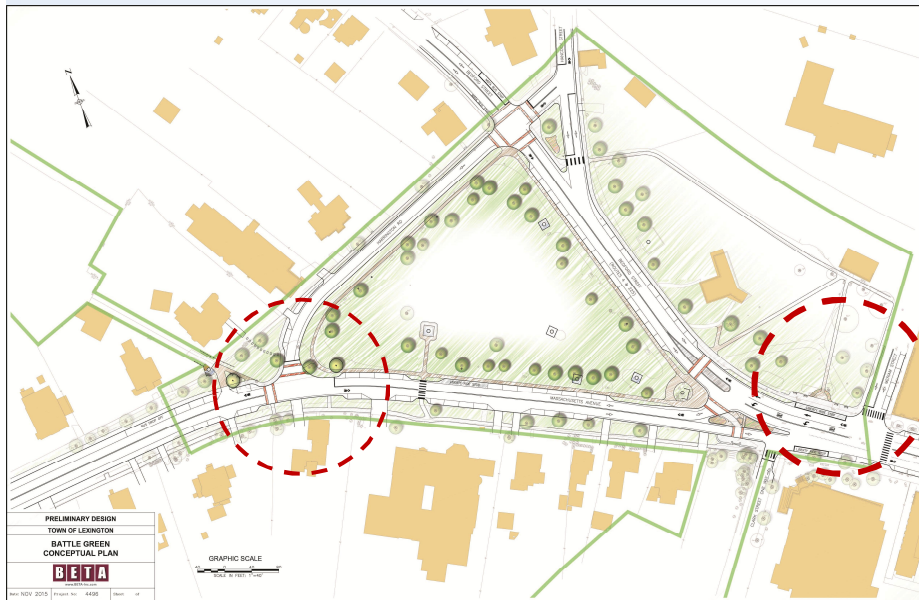


# Salter Building





# Overall Plan

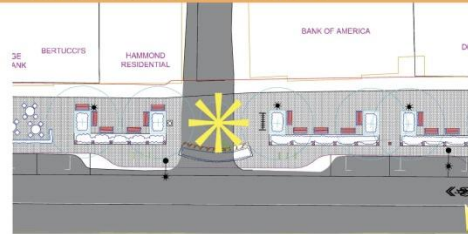


Encourage visitors to walk through town center

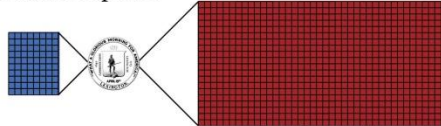
- Extend historic influence of Battle Green through town center
- Pedestrian friendly
- Unified streetscape treatment



## "THE FIRST SHOT"



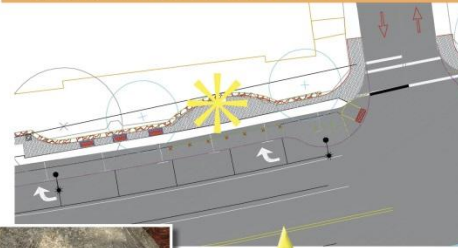
Sidewalk Graphics



80 Colonists

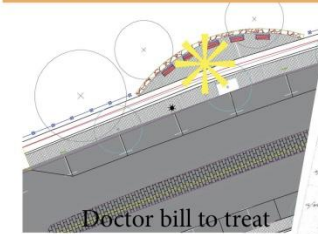
800 British

## "THE FIRST HOUSE"



Existing Plaque

## "BILL ME LATER"



Doctor bill to treat wounded British soldiers left behind



## "DRUMMING UP A WAR"



The Role of the Militia Drum

## "WHERE'S MY HORSE?"



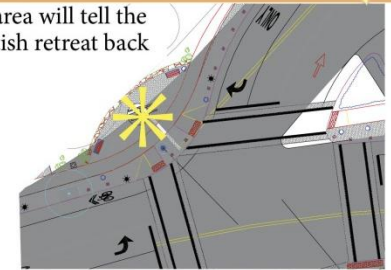
Registered Animals -1748-

236 OXEN
598 COWS
147 HORSES
746 SHEEP
240 HOGS
3x # PEOPLE

Reward for "lost" horse

## "TWO CANNONS"

This gathering area will tell the story of the British retreat back to Boston.



# LEXINGTON BY THE NUMBERS

## INTERPRETIVE OPPORTUNITIES



Minute Man Statue  
With Trolley Car 1910



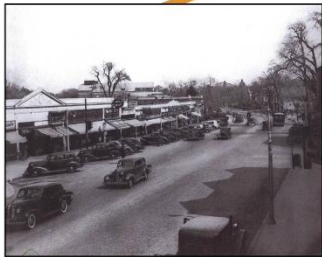
Buckman Tavern  
Circa 1886



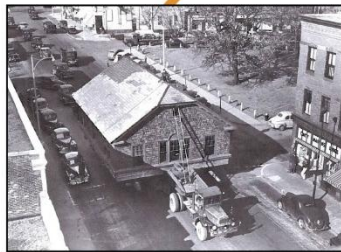
Foster's: Demolished Mid 1960s  
One of the Oldest Commercial  
Buildings in Lexington



Ice Storm of 1921



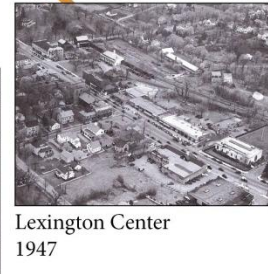
Lexington Center 1938



Relocating the Meriam St. Fire Station  
to Woburn & Hayes  
Circa 1947



Massachusetts Ave. at Waltham St.  
Circa 1915



Lexington Center  
1947



The 'Look Back' Streetscape panels are located where the selected photographs show the more recent history of downtown Lexington. Because these smaller panels are meant to blend in with the Streetscape amenities, a **bronze sidewalk plaque** and **cobble banding** will assist in identifying the locations.

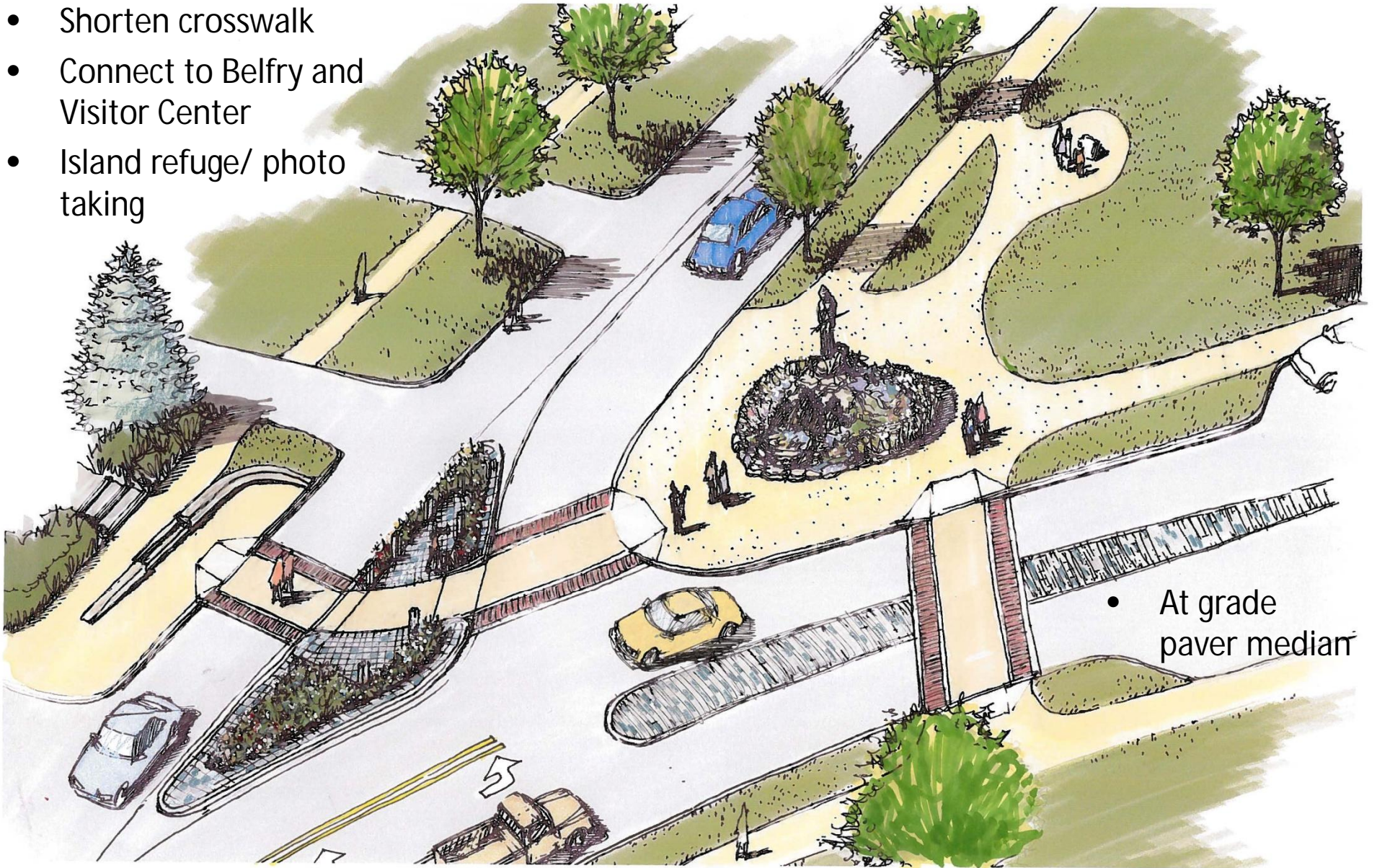
## LEXINGTON - A LOOK BACK INTERPRETIVE OPPORTUNITIES







- Shorten crosswalk
- Connect to Belfry and Visitor Center
- Island refuge/ photo taking















# Bedford Street / Hancock Street / Harrington Road Option 5A – Single-lane Roundabout Harrington Road 2-Way





# Bedford Street / Hancock Street / Harrington Road

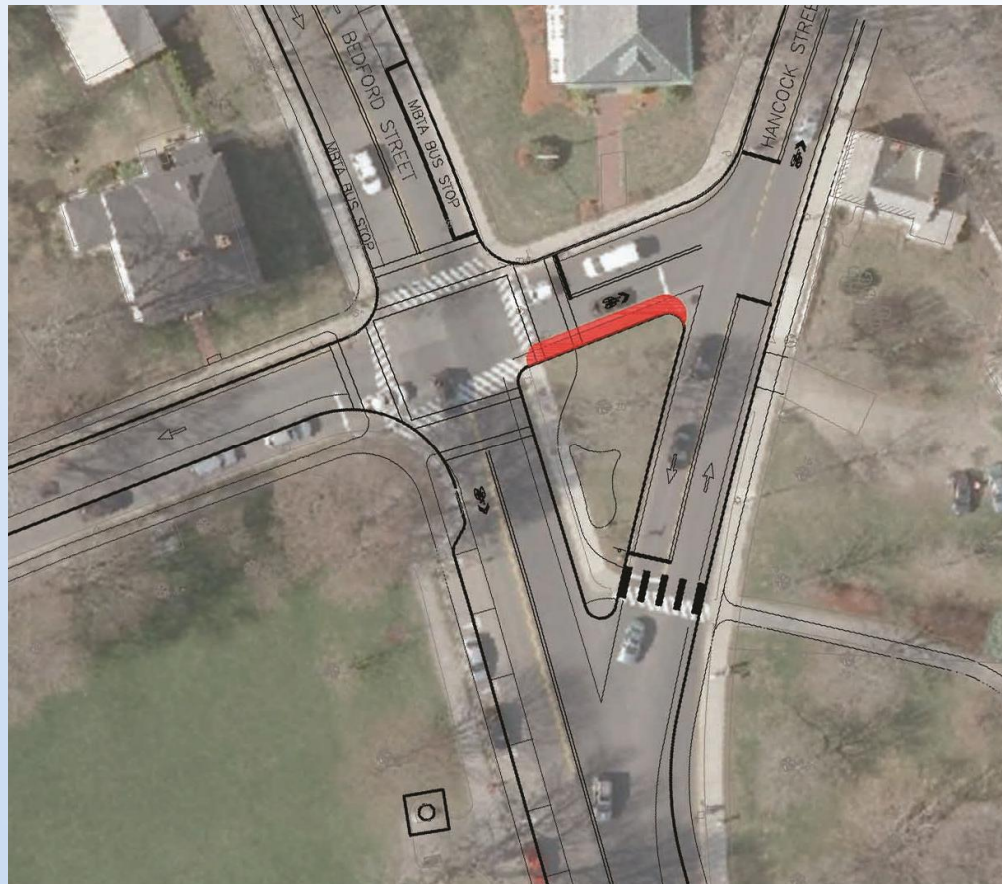
## Option 5B – Single-lane Roundabout

### Harrington Road 1-Way



# Bedford Street / Hancock Street / Harrington Road

## Option 5C – Single-lane Harrington Road 1-Way

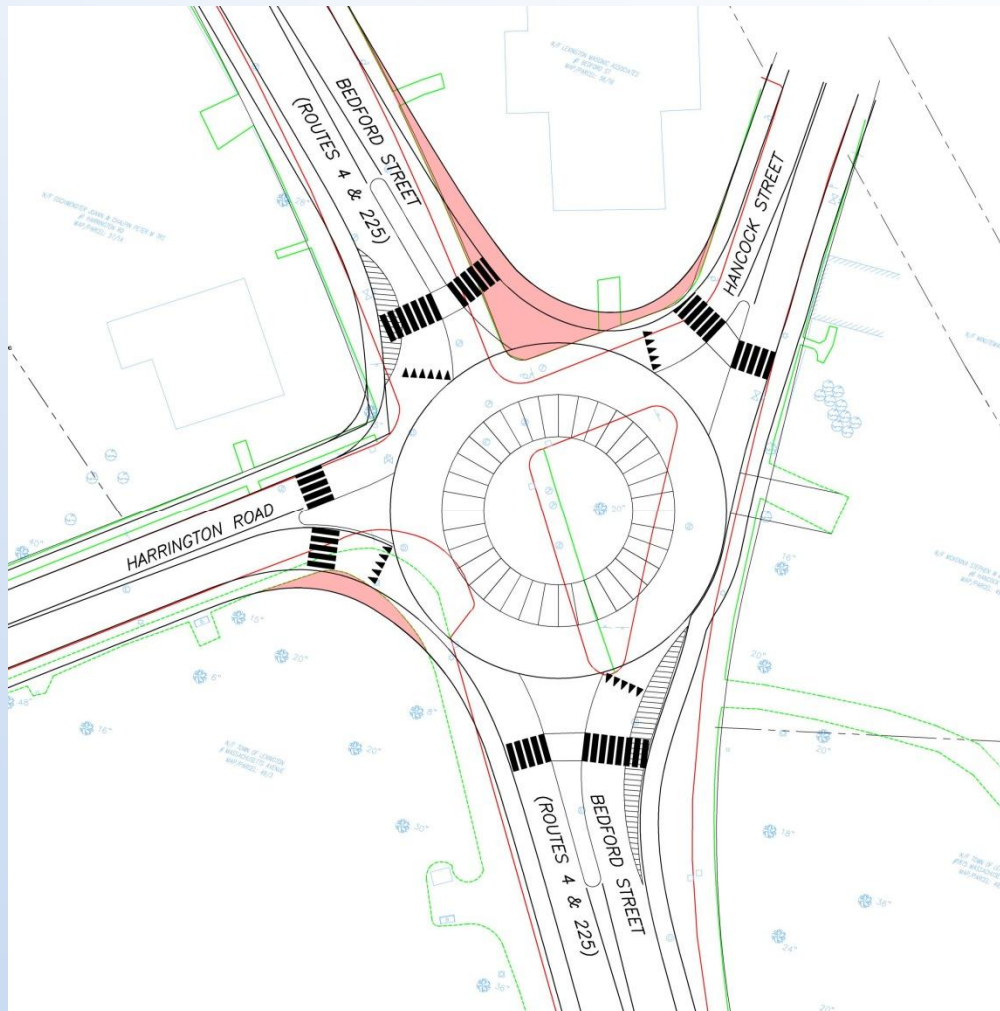




# Bedford Street / Hancock Street / Harrington Road

## Option 5A – Single-lane Roundabout

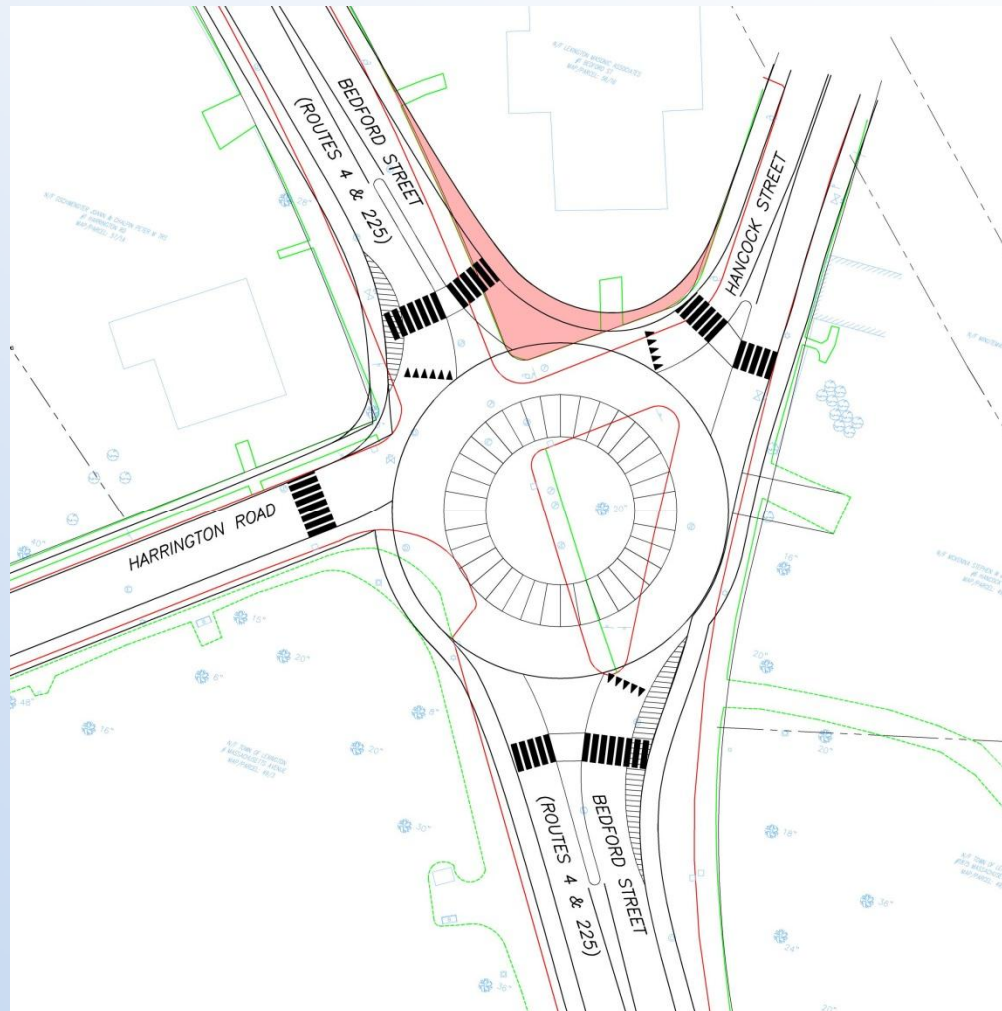
### Harrington Road 2-Way



# Bedford Street / Hancock Street / Harrington Road

## Option 5B – Single-lane Roundabout

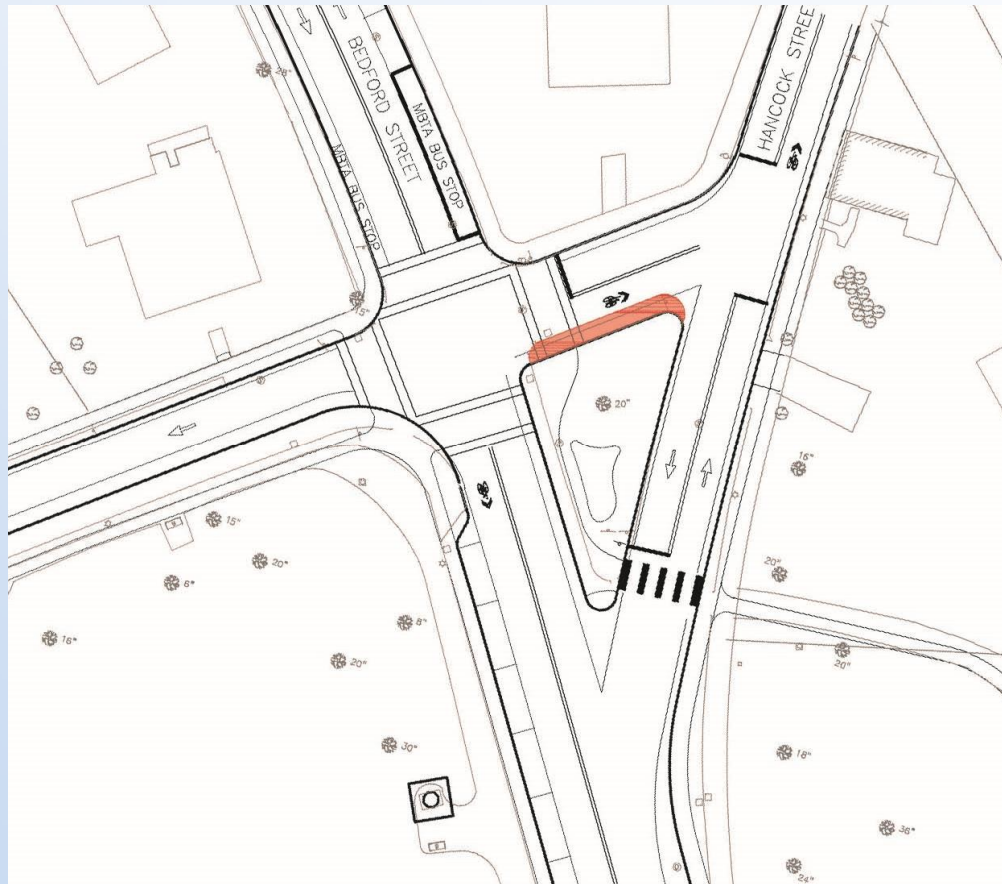
### Harrington Road 1-Way





# Bedford Street / Hancock Street / Harrington Road

## Option 5C – Single-lane Harrington Road 1-Way



# Review and Address Comments

## Next Steps

- Final Design
  - 50 % Design
  - 100 % Design
- Construction Phase (Multiple Phases Subject to Funding Availability)